

FIG. 1

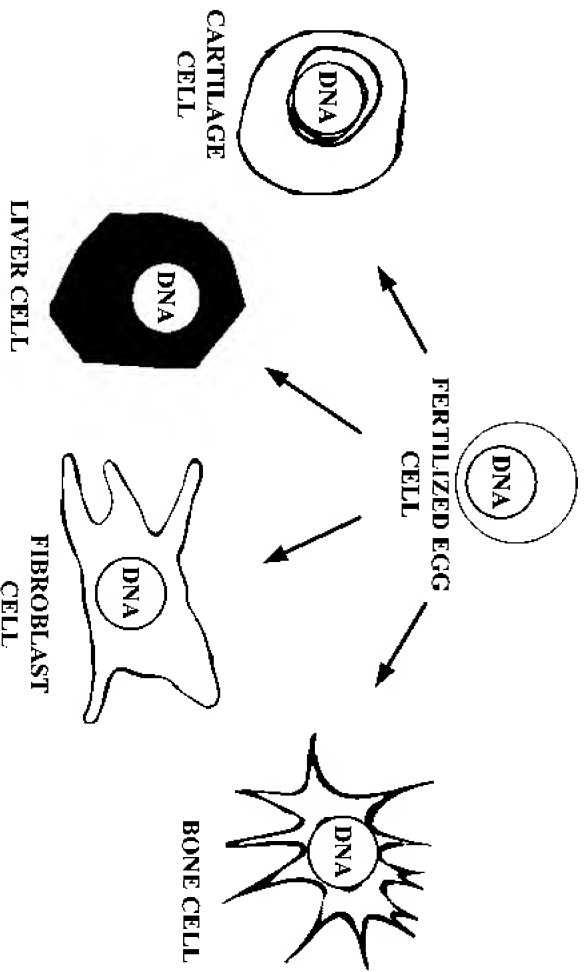


FIG. 2A

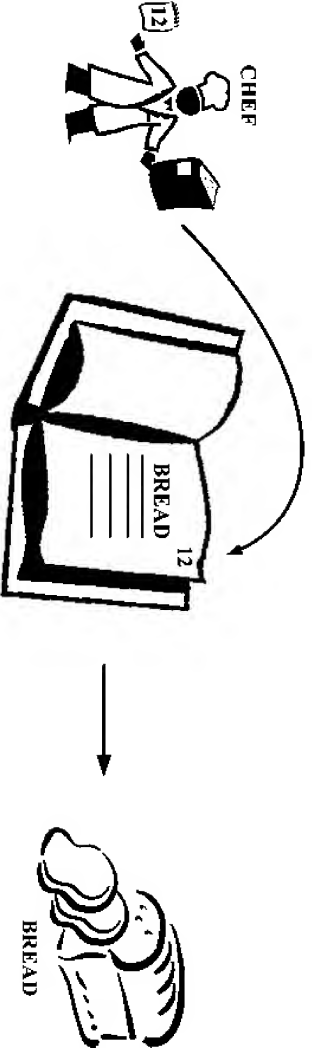


FIG. 2B

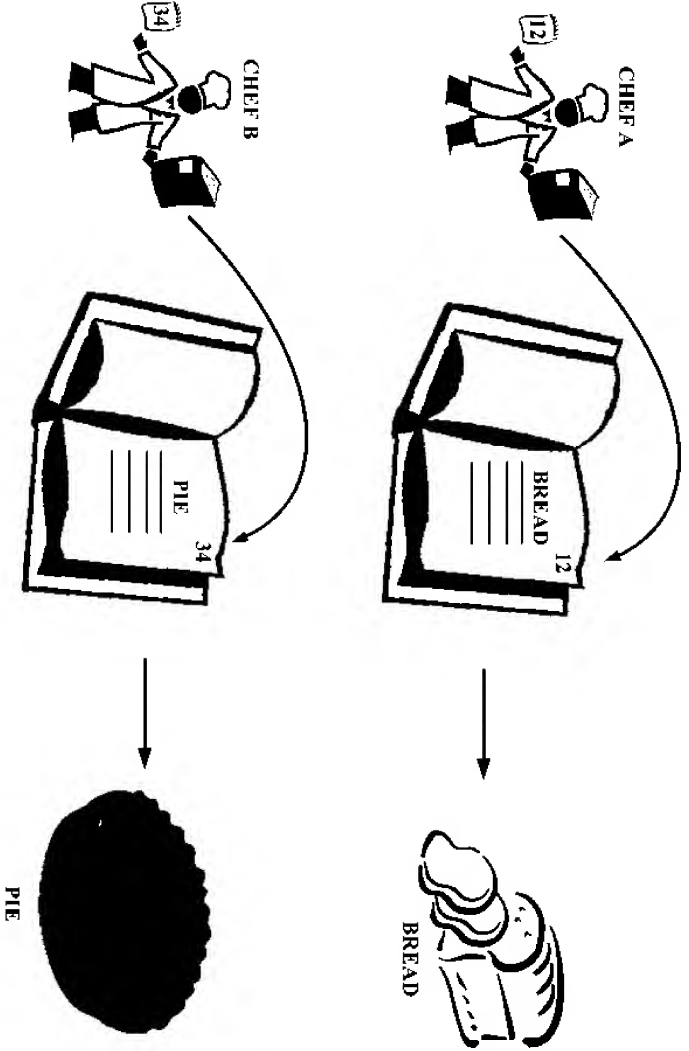


FIG. 3

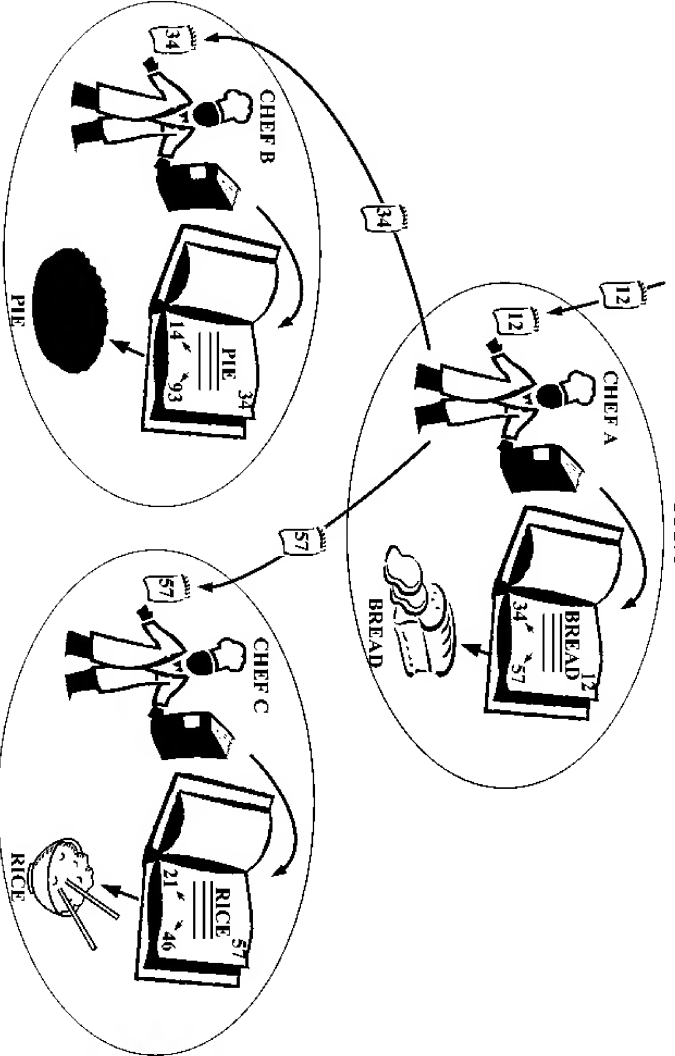
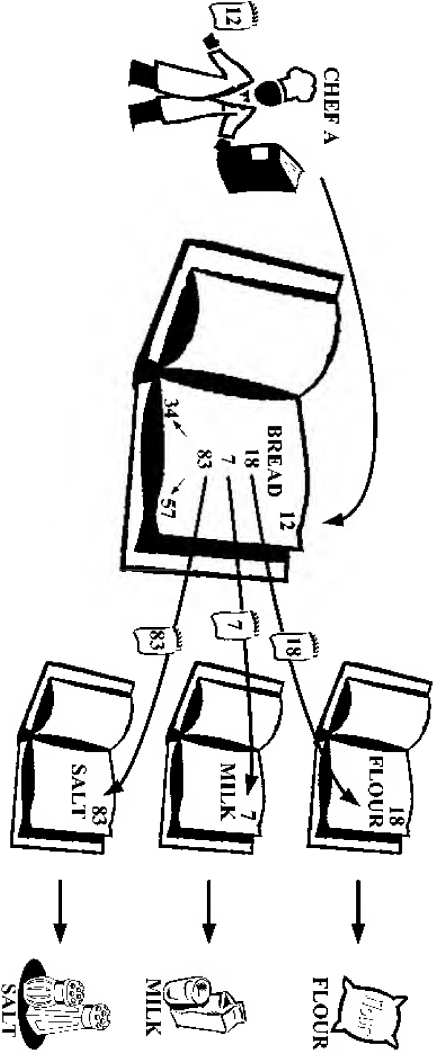


FIG. 4



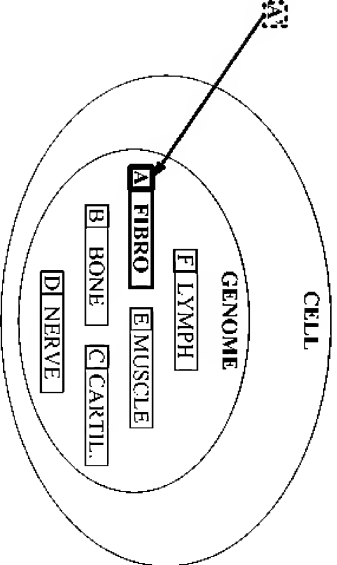


FIG. 5A

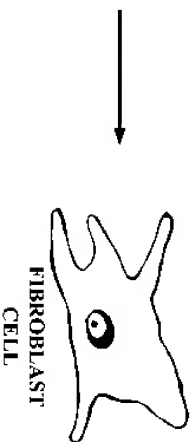


FIG. 5B

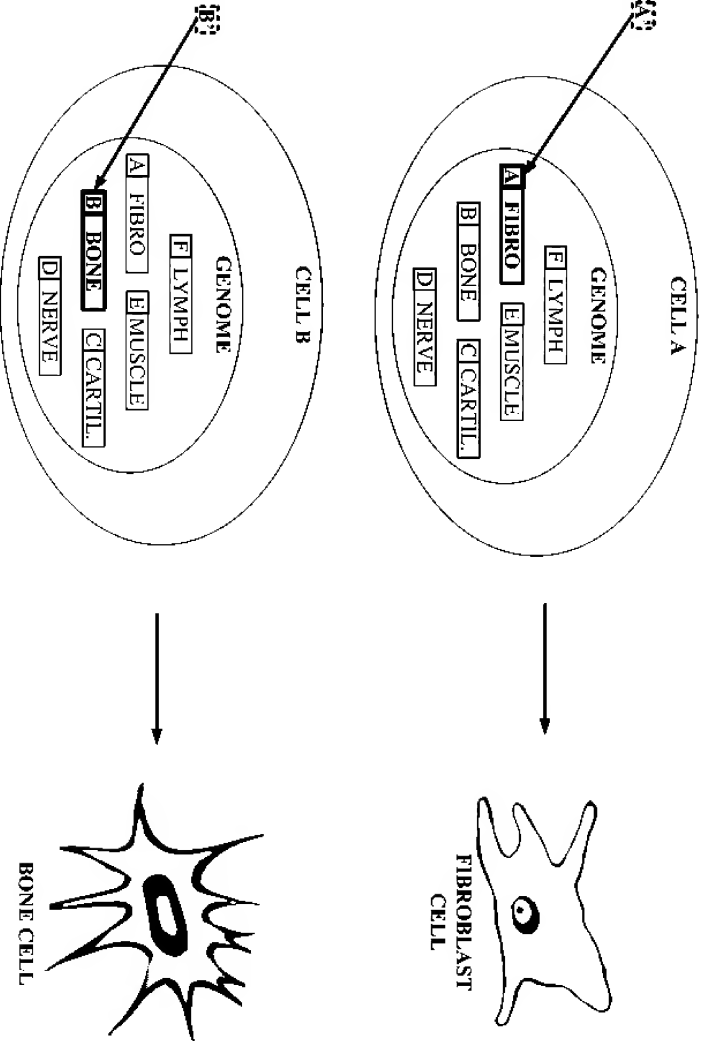


FIG. 6

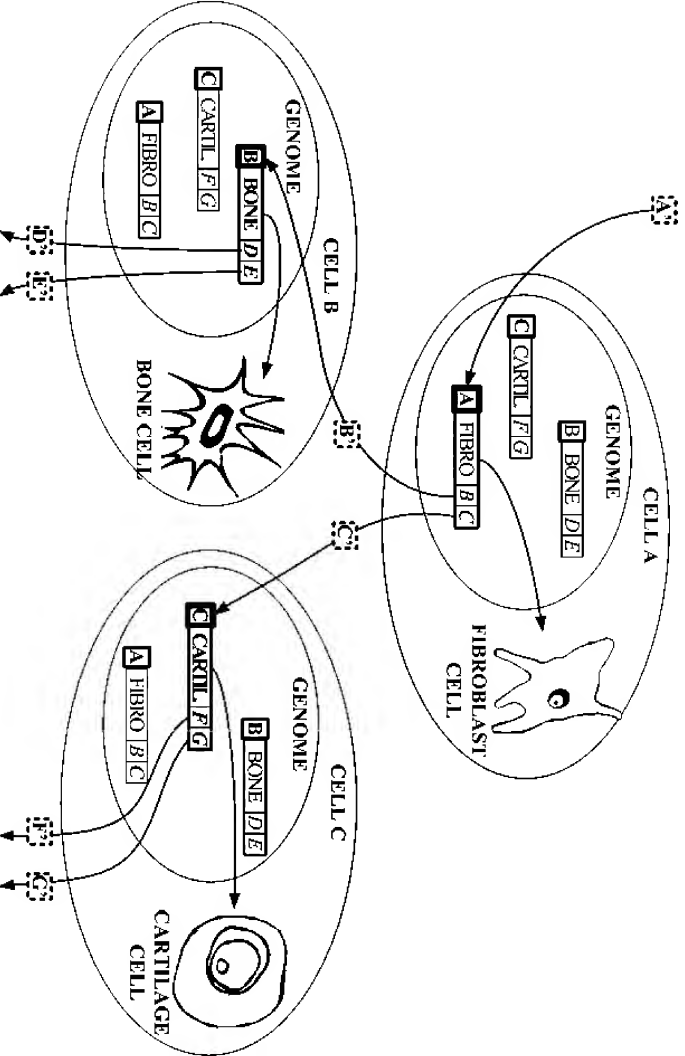


FIG. 7

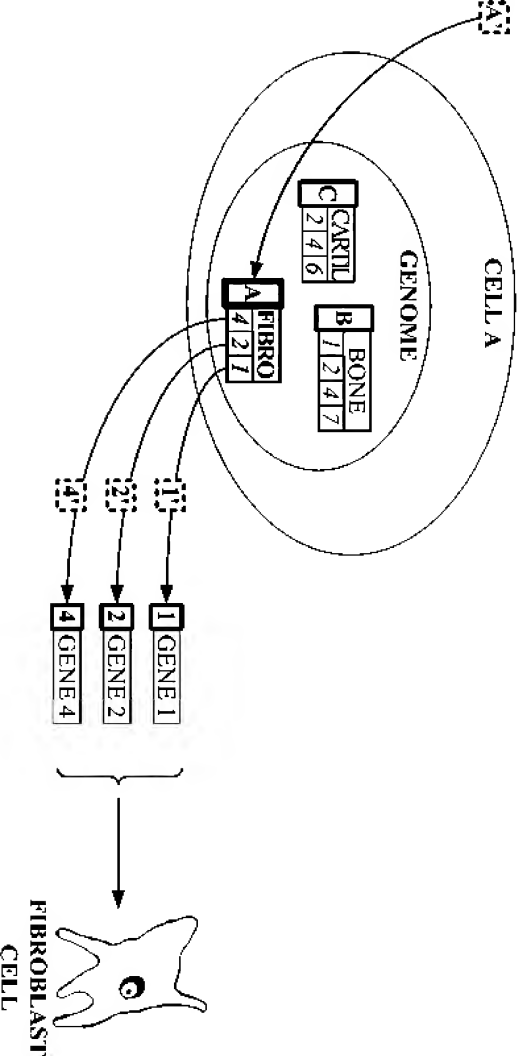


FIG. 8

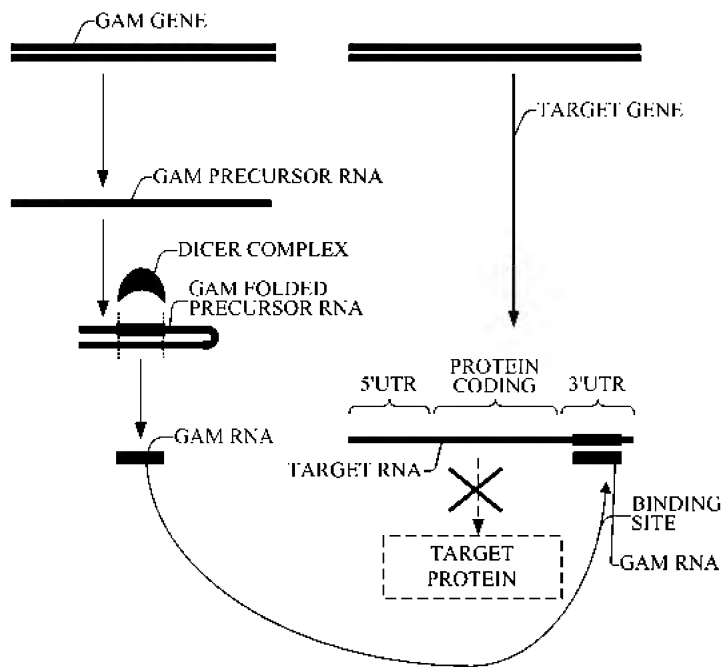


FIG. 9

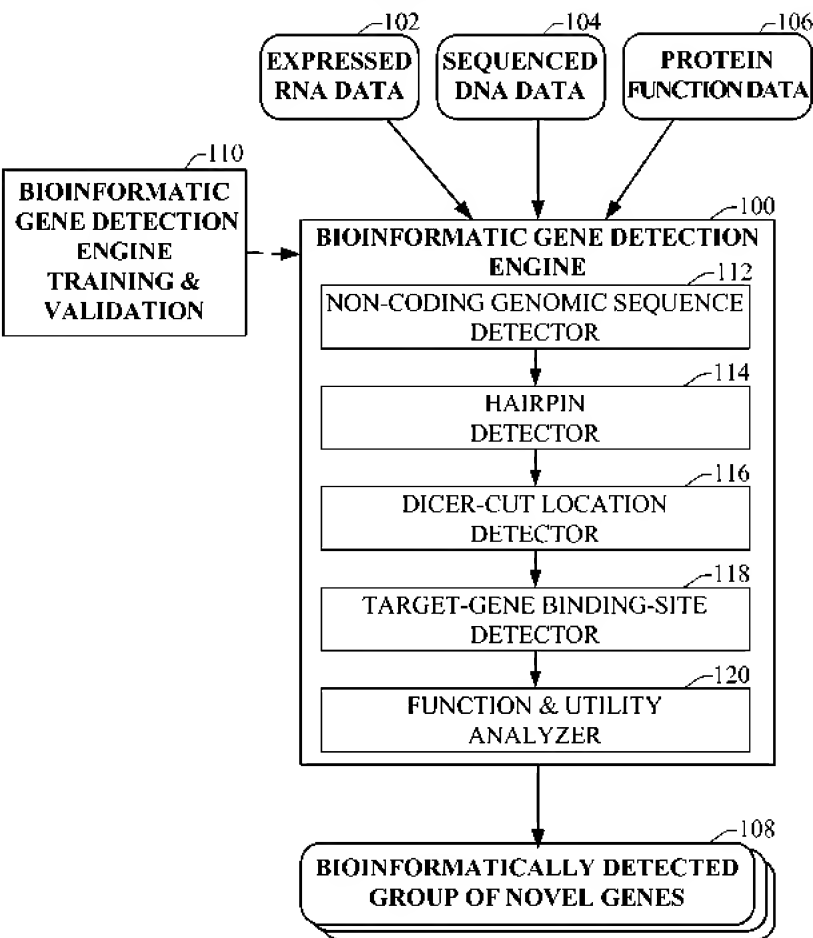


FIG. 10

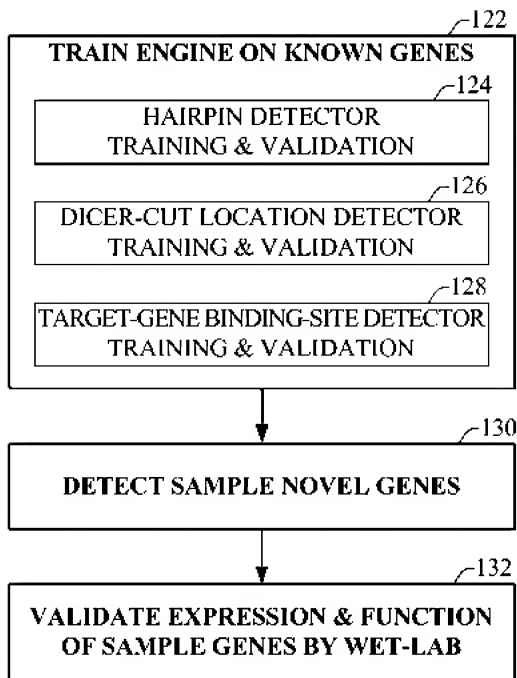


FIG. 11A

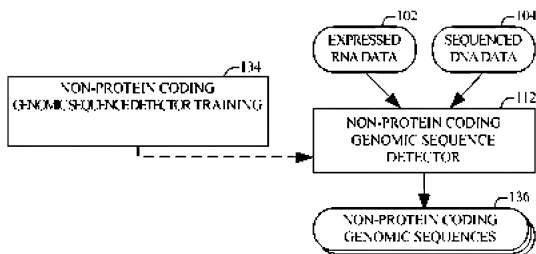


FIG. 11B

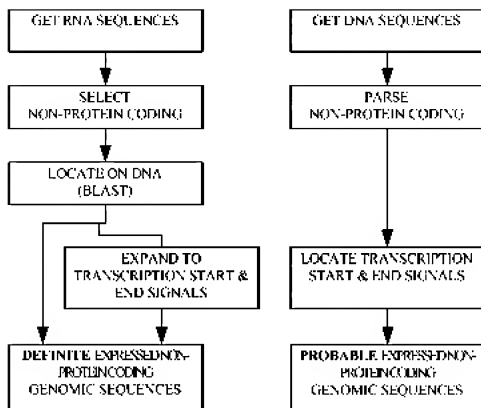


FIG. 12A

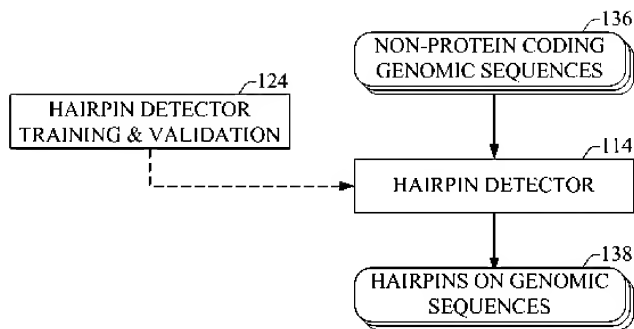


FIG. 12B

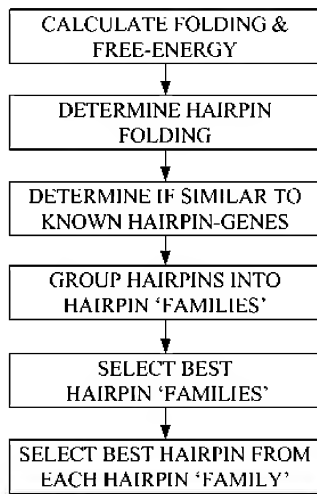


FIG. 13A

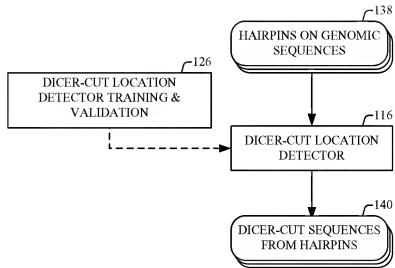


FIG. 13B

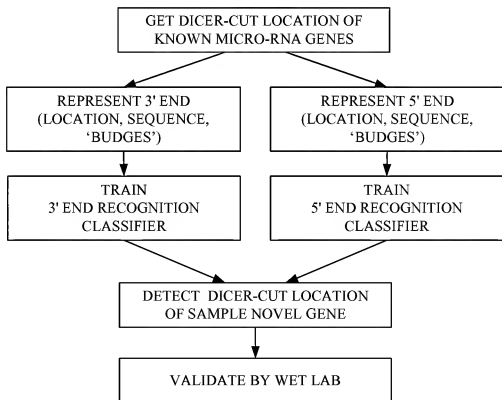


FIG. 13C

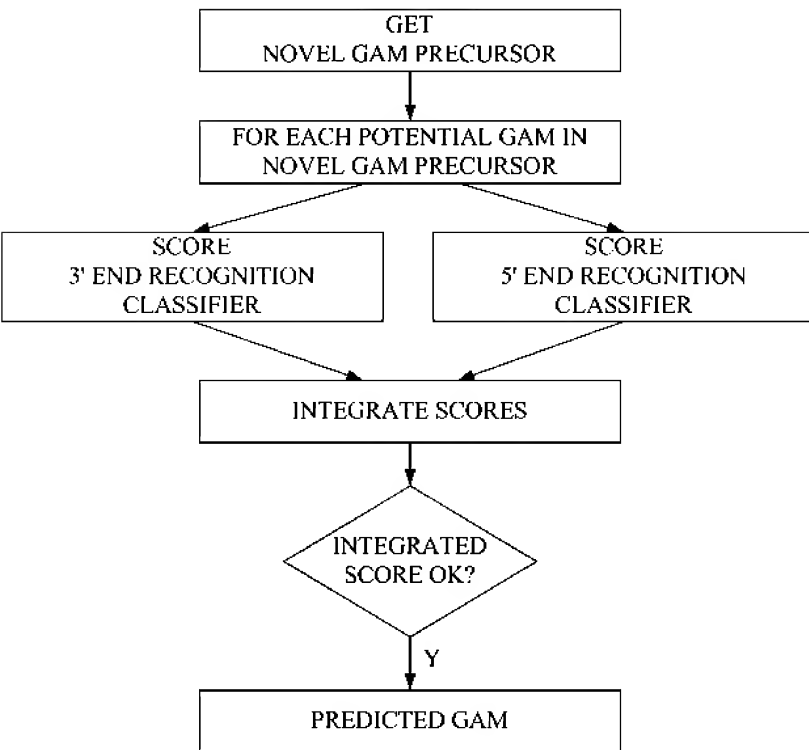


FIG. 14A

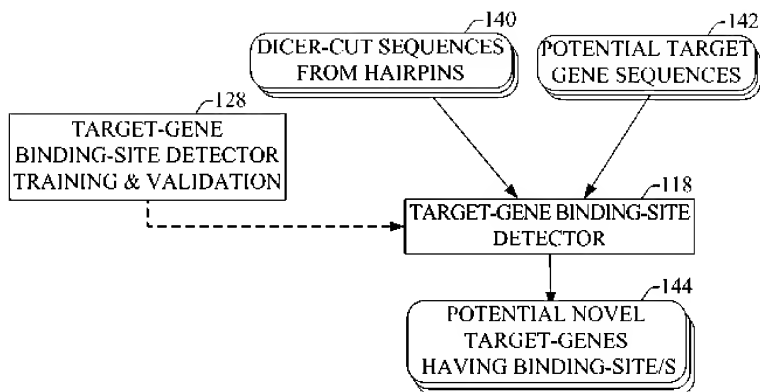


FIG. 14B

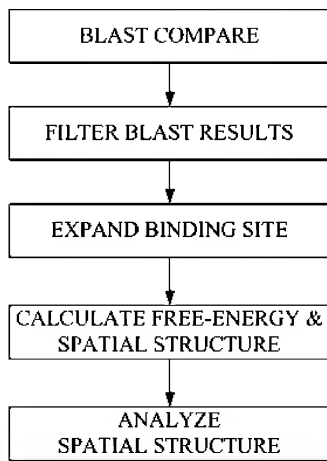


FIG. 15

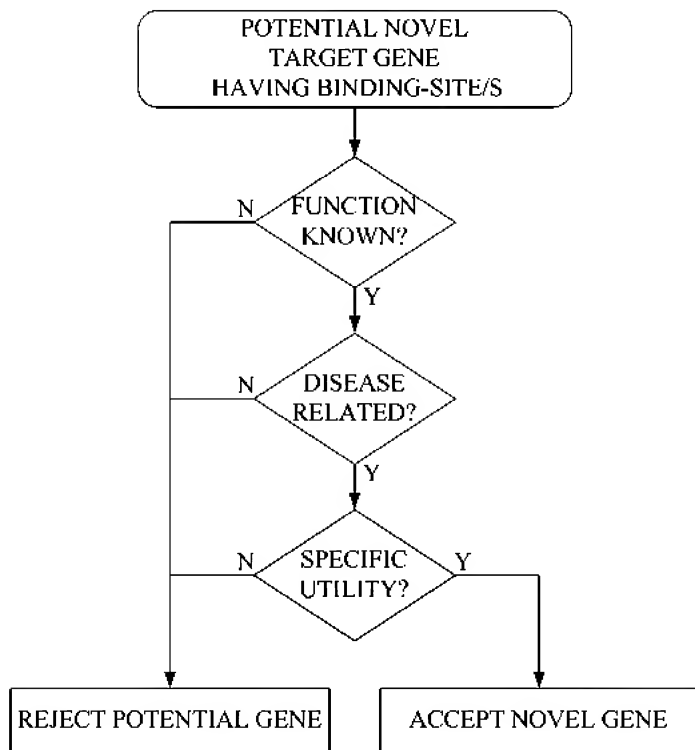


FIG. 16

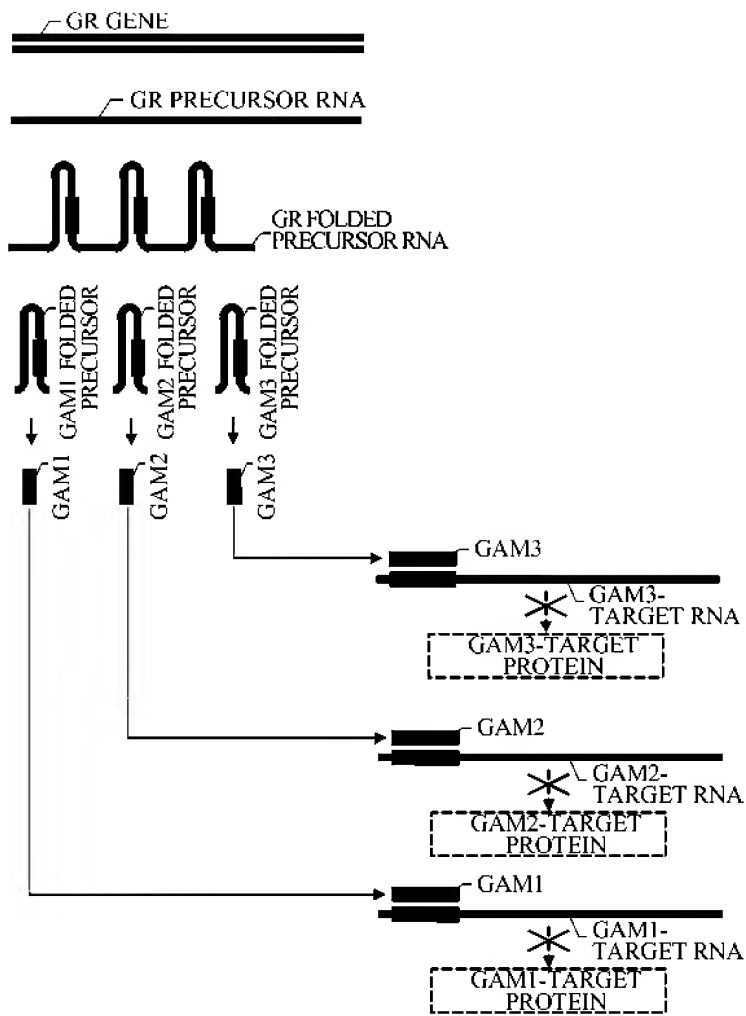


FIG. 17

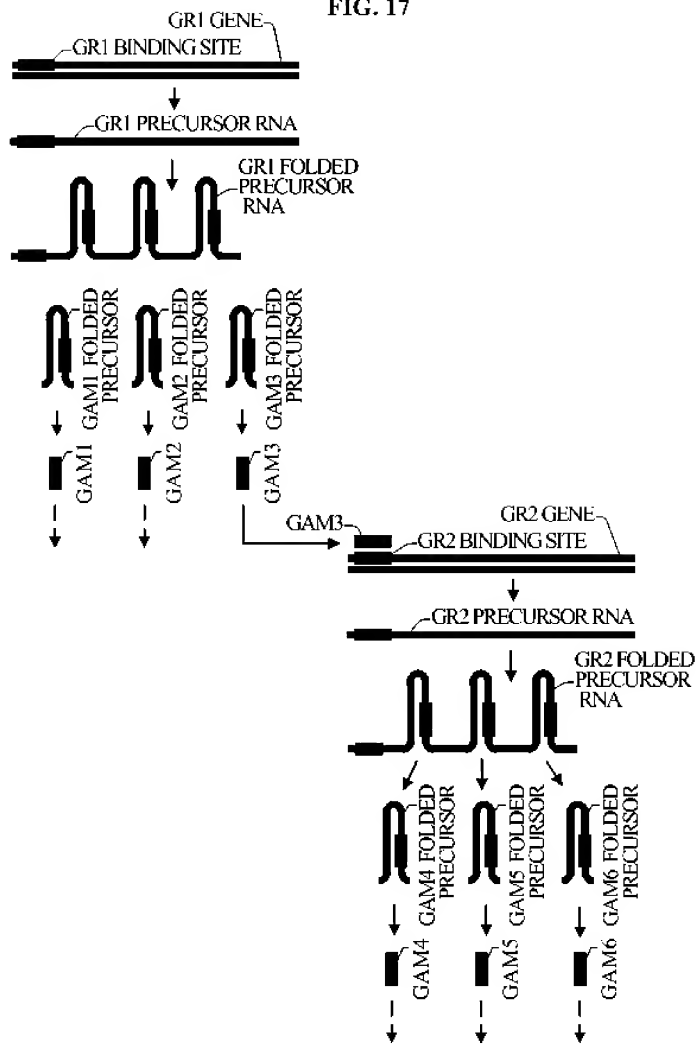


FIG. 18

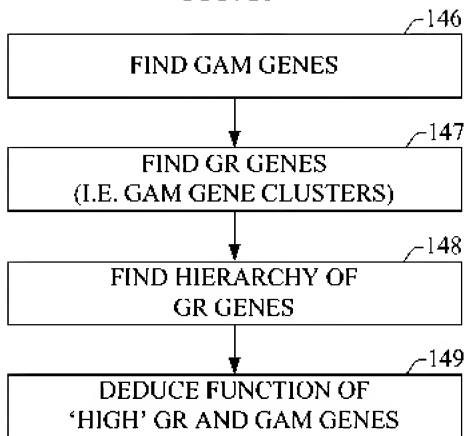


FIG. 19

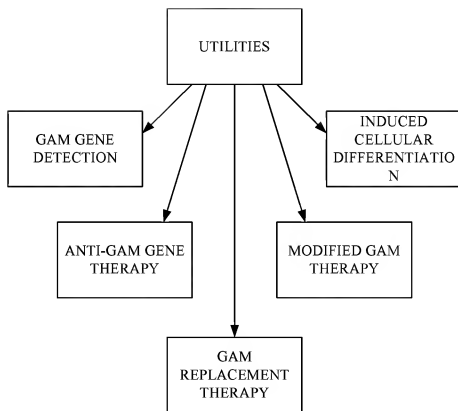


FIG. 20A

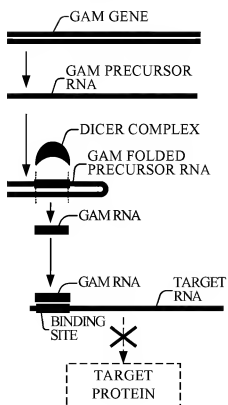
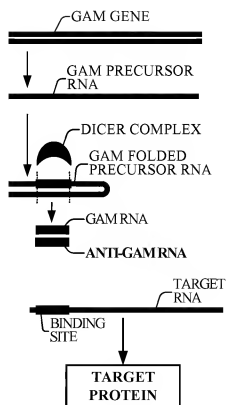


FIG. 20B

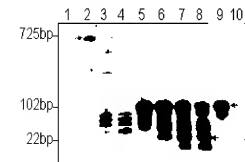


EST72223 sequence:

FIG. 21A

CCCTTATTAGAGGATTCTGCTCATGCCAGGG**TGAGGTAGTAAGTTGTATTG**
TIGTGGGGTAGGGATATTAGGCCCAATTAGAAGATAACTATACAAC MIR98
TACTACTTTCCCTGGTGTGGCATATTCACACTTAGTCTTAGCAGTGTTGCC
TCCATCAGACAAAGTTGTAGATGTTCCCTGGATTAATTTGGACTGGAAGAAAAGA
GACATGGAAAGGGGACAGATGGTGTATAGGGTGAGGCAGATGTCATTATAAAGT
GACTTGTCTTTCATTAATTTGGAGCATATAATTTTTACCTTTGGGCATGAACTC
ATTTTGCTATTCTTCAACTGTGAATGATTGCATTTTATTAGTAATAAGAACAGGA
ATGTGTGCAAGGGGAATGGAAGCATACTTTAAGAAATTTTGGGCCAGGCCGCGGT
GGTTCATGCCTGTAAATCCAGCATTTTGGGAGGCCGAGCGGGTGGATCAC
CTGAGGTGAGGAGTTCCGAGACCAACCTGGCCCAACACGGCGAAACCCCGCCTC
TACTCAAATACAAAAATTAGCCAGGCTTGGTGACACTCGCCTGTGGTCCAGC
TACTCAGGAGGCT**GAGGCAGGAGAATTGCTTGAACCCAGGAAGTGGAG**
GCTTCAGTGAGCTGAGAACACGCCACTGCACCTCCAGTCCTGGGCAAC GAM2
AGAGCAAGACTCTGTCTCAGGAAAAAAAAG 5

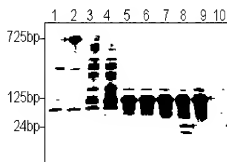
FIG. 21B



Lysate-S100	+	+	+	+	+	+	+	+	+
EST72223	-	+	+	-	-	-	-	-	-
Mir98	-	-	-	+	+	+	+	+	+
Time (h)	24	0	4	24	0	1	4	24	24
EDTA	-	-	-	-	-	-	-	-	+

MIR98

FIG. 21C



Lysate-S100	+	+	+	+	+	+	+	+	+
EST72223	-	+	+	-	-	-	-	-	-
Bet4	-	-	-	+	+	+	+	+	+
Time (h)	24	0	4	24	0	0.5	1	24	24
EDTA	-	-	-	-	-	-	-	-	+

GAM2
5

FIG. 21D

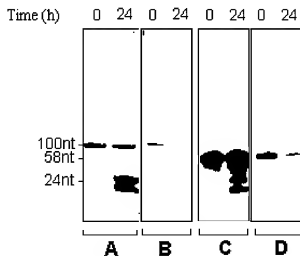


FIG. 22A

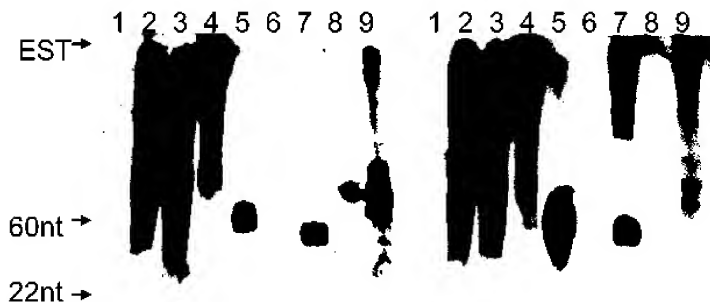
dbEST Id. 7929020 (Image4514344) sequence:

CCAAAACTGGAAGCATTCCCTTTGAAAACTGGCCACAAGACAGGCATCCCTCTCTCAC
 CCTCCTATTCAACATACTCTTCCAGTTCTGCCCAGGCCAATTAGCCAGGACAAGCAA
 ATAAAGGCTATTCAATTAGGAAAAGAGCAACTCAAATTGTTCTGTTTGGCAGATGACAT
 GATTGTATATCTAGAAAACCCCATTTCTCTCAGCCCCAAATCTCCTTAAGCTGATAAGCA
 ACTTCAGCAAAGTCTCAGGATACAAAAATAATGTACAAAAATCACAAGCATTCTTACAC
 ACCAACAACAGAAAAACAGACCCAAATCATGACTGAACTCCCATTCAAAATTGCTTCAA
 ACAGAATAAAATACCTAGGAATCCAACCTTACAAGGGATGTCAAGGACCTCTTCAAGGAG
 AACTACAAACCACTGCTCAAGCAATATAAACAGGATACAAACAAATGCAAGAACATTCC
 ATGCTCATGCGTAGGAACAATCAATATTCTCAAAATGCCCATCTGCCCAAGCTAATTT
 ACAGATTCAATGCCATCCCCATCAAGCTACCAATGACTTTCTTCACAGAATTGGAAAAA
 ACTACTTTAAAGTTTCATATGCAACCAAAAAACGCCCGCATCGCCAACTCAATCCTAAG
CCAAAAGAACAAGCTGGAGGCATCACACTACCTGACTTCAAACCTTTACTACAAGGCTA
 CACTAACCAAAACAGCATGCTACTGCTACCAAAACACAGATATAGATCAATGCAACAGA
 ACAGACCCCTCAGAAATAACCCCGAATACCTACAACCTATCTGATCTTTGACAAACCTGA
 GAAAAACAACCAATCGCGCAAGCATTCCCTATTTAATAAATGCTGCTCGGAAAACTGAC
 TAGCCATATGTACAAAGCTCAAACCTCGATCCCTTCCTTACACCTTATACAAAAATCAAT
 TCAGATGCGATTAAAGATTTAACCTTAGACCTAAACCATATAAACCCCTAGAAGCAAAA
 CCTAGGCATTACCATTCAGGACATAGGCATCGCCAAGGACTTCATGTCCAAAACACCAA
 AACCAATCGCAACAAAAGCAAAATTCACAAATGCGATCTAATTAAACTTAAAGAGCTTC
 TGCACAGCAAAACAAACTACCATCAGAGTGAACAGGCAACCTACAAAATGGGAGAAAAAT
TTTCGCAACCTACTCATCTGACAAAGGGCTAATATCCAGAATCTACAATGAAGTCAAAC
 AAATTTACAAAAA

GAM24

GAM26

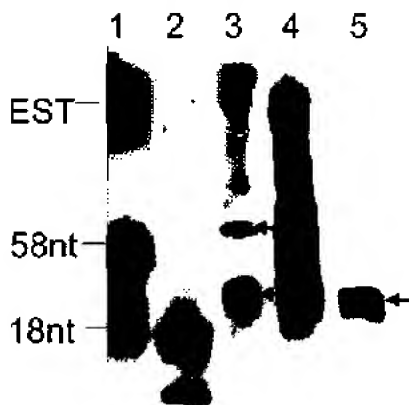
FIG. 22B



GAM26

GAM24

FIG. 22C



GAM26

FIG. 23A

dbEST Id.1388749 (Image1020185) Sequence:

ACTCCTATCAACAGTGTAAAAGCATTCTCTGTTCTCCATAATCTTGCCAGCATCTTTT
 CATTTTTTTTGAATTATAGCCATTCTGACTGTTGTGAGATGGTGCTCATTGTGGTTTT
 GATTTGCATTCTCAGATGATCAGTGATGTTGAAGTTTTTTTGGTTGTTGGCTGCATG
 TATGCCTTCTTTTGAAGTGTCTGTTTGTGTCTTTGACCACITTTCTAATGGGGTTG
 AGTTTTTTTTTCTTGTAATTTGTTTAAGTTCCTTGTAGATGCTGGATATTAGACCTT
 TGTGAGATGGATAGAGTGCAAAAATTTTCTCCCATTTCTGTAGGTTGTGCGTTTACTCT
 GTTGATAGGTTCTTAATGCTGTGCAGAAGCTCTTTAGTTTTTAATTAGATCCCATTGTG
 AATTTTGGCTTTTGTGCAATTGCTTTTGGCATCTTCGTGATGAAATCTTTGCCCTTG
 CCTGTGTCCTGAATGGCATTGCCTAGGTTTTCTTCCAGGATTTTTATAGTTTTGGGT
 GTAGATTTAAGTCTTTAATCCATCTTGAGTTAACTTTTGATATGGGTTAAGGAAGGG
 GCCCGTTTCAATTTGCTGCAAAATGGCTAGCCAGTTCTCCCAGCACCATTATTAAATA
 GGGAAATCTTTTCCCCATTGCTTCTTTTGTGAGGTTTGTCAAAGATCACATGGTTGTA
 GGTGTGTGGTCTTATTTCTGGGTCTCTATTCTGTTCCATTGGGCTATGGGCCGGTTC
 TGTACCACTATGCTGTTTTGGGTACCATAGTCTTGTAGAATGTTTGAAGCTGGGT
 AGCATGATGCCTCTAGCTTTGCTCTTCTTGCTAAGAAATGCTCTGGCTATTTGGGCTC
 TTTTTGGTTCCATATGAATTTTAAAATAGCTTTTTCTAGGTCGTAAAGAATGTGAA
 TAGTAGTTTTAATGGGCTAGCATTAAATTTACAGATTGCCTTGGGCAGTGTGGTCATT
 TTCACGATATTGATCCTTCCTGTCTGTGAGCATATGTTTTTCCATTGTGTTGTCAT
CTCTGATTTCTTTGAATAATGGTTTATAGTTATCCTTGAAAAGGTCCTTCACTTTTCT
TGTTAGCTGTATTCTAGATATTATACTCTTCTTGTGGCAATTGTGAATGGGAGTTAA
 TTCATGAGTTTTCTCTCGGCTTGCCCTGTTGTGTTGGTGTATAGGAATGCTAGTGACTTTT
 GCACATTGATTTTGTATCCTGAGACTTTGTTGAAGTTGCTTATCAGCTAAGAAAGTTT
 TGAGCTGAGATGATGGAGTTTCTAGATATAGGATCATATCATCTGCACAAACAAAGATA
 GTTTGACTTCCTGTCTTCTATTTGAATAGCTTTTCTTTCTTTCTCTTGGCTGATTGC
 CTTGGTGAGAATTTCTAATACTGTGTTGAATAGGAGTGGTGAGCTCGTGCCAA

GAM 27

FIG. 23B

1 2 3 4 5 6 7



←EST

←130nt

←22nt

GAM27